loksert®

loksert®

Loksert solid keylocking inserts are used to repair damaged or worn out threads or to create new threads in original equipment.

Loksert keylocking one piece inserts are available in carbon steel and stainless steel in both metric and inch sizes.

The Loksert solid keylocking insert utilizes locking keys which provide a positive mechanical lock into the threads of the surrounding base material. The resulting thread is resistant to rotation due to vibration and torsion. Loksert solid keylocking inserts require no special drills or taps.

solid keylocking insert system features & benefits

- Solid, one-piece insert provides a high degree of pull-out strength.
- Keys provide a positive mechanical lock preventing rotation.
- Simple installation and removal.
- Installed using standard drills and taps.
- No prewinder or expensive installation tools required.
- No tang to break off.
- Available in carbon steel and stainless steel.
- Suitable for use in a wide variety of materials.
- Also available in MS/NAS Standards.

solid keylocking insert system installation instructions

1 DRILL

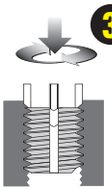
Drill to clear the damaged thread with a standard twist drill. Chamfer the hole with a standard countersink (82° - 100°)

Note: Drill is oversize to accomodate external thread. Check technical charts for correct drill sizes.

2 TAP

Create new thread using a standard tap. Check technical charts for correct tap size.

Note: Use of a suitable lubricant is essential during all tapping procedures.



3 INSERT

Screw the insert into the threaded hole until slightly below the surface of the parent material.

4 DRIVE

Select the correct size installation tool and place over the insert. Drive locking keys down using several hammer taps on end of installation tool.

EXCALIBUR
INDUSTRIAL SALES INC.

Excalibur Industrial Sales
12 Northwestern Ave. | York, ON M6M 5E5
905.812.9090 tel / 905.812.3786 fax
rtomlinson@excalind.com
www.excalind.com